

# Benoît Pardoën

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4001045/publications.pdf>

Version: 2024-02-01

9  
papers

185  
citations

1684188

5  
h-index

1720034

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling the influence of strain localisation and viscosity on the behaviour of underground drifts drilled in claystone. Computers and Geotechnics, 2017, 85, 351-367.	4.7	44
2	An unsaturated hydro-mechanical modelling of two in-situ experiments in Callovo-Oxfordian argillite. Engineering Geology, 2013, 165, 46-63.	6.3	42
3	Using Local Second Gradient Model and Shear Strain Localisation to Model the Excavation Damaged Zone in Unsaturated Claystone. Rock Mechanics and Rock Engineering, 2015, 48, 691-714.	5.4	40
4	Shear banding modelling in cross-anisotropic rocks. International Journal of Solids and Structures, 2015, 72, 63-87.	2.7	35
5	Accounting for Small-Scale Heterogeneity and Variability of Clay Rock in Homogenised Numerical Micromechanical Response and Microcracking. Rock Mechanics and Rock Engineering, 2020, 53, 2727-2746.	5.4	19
6	Effect of Claystone Small-Scale Characteristics on the Variability of Micromechanical Response and on Microcracking Modelling. Lecture Notes in Civil Engineering, 2021, , 522-530.	0.4	2
7	Modelling the multiscale behaviour of claystone: deformation, rupture, and hydro-mechanical phenomena around underground galleries. E3S Web of Conferences, 2020, 205, 10003.	0.5	2
8	Modelling an in-situ ventilation test in the Andra Underground Research Facilities. E3S Web of Conferences, 2016, 9, 04003.	0.5	0
9	Hydro and Hydro-Mechanical Modelling of Ventilation Test in Clayey Rocks. , 2012, , 325-332.		0